

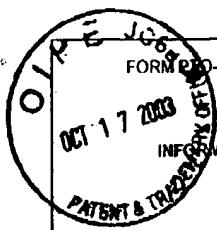
FORM PTO-1449 OCT 11 2003 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT PATENT & TRADEMARK OFFICE (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. BSST.002C1	APPLICATION NO. Unknown 10/632,235
	APPLICANT Lon E. Bell	
	FILING DATE July 31, 2003	GROUP Unknown 3744

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
WY	3,006,979	10-31-61	Rich			
	3,126,116	04-24-64	Clinehens			
	3,635,037	01-18-72	Hubert			
	3,681,929	08-08-72	Schering			
	3,779,814	12-18-73	Miles et al.			
	4,065,936	01-03-78	Fenton et al.			
	4,281,516	08-04-81	Berthet et al.			
	4,494,380	01-22-85	Cross			
	4,730,459	03-15-88	Schllicklin et al.			
	4,731,338	03-15-88	Ralston et al.			
	4,989,626	02-05-91	Takaga et al.			
	5,092,129	03-03-92	Bayes et al.			
	5,097,829	03-24-92	Quisenberry			
	5,228,923	07-20-93	Hed			
	5,232,516	08-03-93	Hed			
	5,429,680	07-04-95	Fuschetti			
	5,584,183	12-17-96	Wright et al.			
	5,592,363	01-07-97	Atarashi et al.			
	5,605,047	02-25-97	Park et al.			
	5,682,748	11-04-97	De Viilbiss et al.			
	5,802,856	09-08-98	Schaper et al.			
	5,860,472	01-19-99	Batchelder			
	5,867,990	02-09-99	Ghoshal			
	5,900,071	05-04-99	Harman			
	5,921,088	07-13-99	Imaizumi et al.			
	5,966,941	10-19-99	Ghoshal			
WY	5,987,890	11-23-99	Chiu et al.			

EXAMINER	<i>WY</i>	DATE CONSIDERED	<i>3/8/04</i>
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*EXAMINER: INITIAL IF CITATION CONSIDERED; WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.



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PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT
BY APPLICANT
(USE SEVERAL SHEETS IF NECESSARY)ATTY. DOCKET NO.
BSST.002C1APPLICATION NO.
Unknown

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Lon E. BellFILING DATE
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Unknown

3744

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
WJ	28 6,082,445	07-04-00	Dugan			
	29 6,084,172	07-04-00	Kishi et al.			
	30 6,096,966	08-01-00	Nishimoto et al.			
	31 6,319,744	11-20-01	Hoon et al.			
	32 6,334,311	01-01-02	Kim et al.			
	33 6,346,668	02-12-02	McGrew			
	34 6,347,521	02-19-02	Kadotani et al.			
	35 6,401,462	06-11-02	Bielinski			
	36 6,446,442	09-10-02	Bathelot et al.			
	37 6,477,844	11-12-02	Ohkubo et al.			
	38 6,481,213	11-19-02	Carr et al.			
	39 6,530,231	03-11-03	Nagy et al.			
	40 6,510,696	01-28-03	Guttman et al.			
WJ	41 6,650,968	05-13-03	Ko			

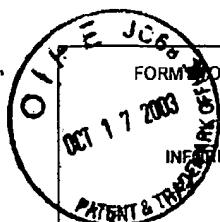
FOREIGN PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
INITIAL						YES
WJ	42 JP 4-165234	06-11-92	Japan			
WJ	43 JP 56-18231	02-20-81	Japan			

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
WJ	44	International Search Report for PCT/US 02/06285 dated 05-11-02.
	45	International Search Report for PCT/US 02/03654 dated 05-20-02.
	46	International Search Report for PCT/US 02/03659 dated 07-09-02.
	47	International Search Report for PCT/US 02/25233 dated 09-24-02.
WJ	48	International Search Report for PCT/US 03/17834 dated 07-29-03.

EXAMINER	DATE CONSIDERED
Mellin	3/8/04

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FORM 1449-1449

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PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE STATEMENT
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ATTY. DOCKET NO.
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APPLICANT
Lon E. BellFILING DATE
July 31, 2003GROUP
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EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
WJ	49 A New Concept for Improving Thermoelectric Heat Pump Efficiency, R.J. Buist, J.W. Fenton and J.S. Lee, Borg-Warner Thermoelectrics Wolf and Algonquin Road
	50 Tada, Shigeru, et al., A New Concept of Porous thermoelectric Module Using a Reciprocating Flow for Cooling/Heating System (Numerical Analysis for Heating System), 16 th International Conference on Thermoelectrics (1997)
	51 Goldsmid, H.J., <u>Electronic Refrigeration</u> , Pion Ltd., 207 Brondesbury Park, London (1986)
	52 Angrist, Stanley W., <u>Direct Energy Conversion</u> , 32 Ed. Ally & Bacon (1976)
	53 Miner, A., Majumdar, A., and U. Ghoshal, Thermo-Electro-Mechanical Refrigeration Based on Transient Thermoelectric Effects, <u>Applied Physics letters</u> , Vol. 75, pp. 1176-1178 (1999)
	54 Buist, R. and Lau, P., Theoretical Analysis of Thermoelectric Cooling Performance Enhancement Via Thermal and Electrical Pulsing, <u>Journal of Thermoelectricity</u> , No. 4, 1996.
	55 Copending U.S. Application No. 09/844,818 filed on April 27, 2001 (Atty No. 001A) and pending claims
	56 Copending U.S. Application No. 10/227,398 filed on August 23, 2002 (Atty No. 001CP1) and pending claims
	57 Copending U.S. Application No. 09/860,725 filed on May 18, 2001 (Atty No. 002A) and pending claims
	58 Copending U.S. Application No. 09/918,999 filed on July 31, 2001 (Atty No. 002CP1) and pending claims
	59 Copending U.S. Application No. 10/215,613 filed on August 7, 2002 (Atty No. 004A) and pending claims
	60 Copending U.S. Application No. 09/987,232 filed on November 6, 2001 (Atty No. 006A) and pending claims
	61 Copending U.S. Application No. 10/074,543 filed on February 11, 2002 (Atty No. 008A) and pending claims
MJ	62 Copending U.S. Application No. 10/164,656 filed on June 6, 2002 (Atty No. 009A) and pending claims

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EXAMINER	M. Bell	DATE CONSIDERED	3/08/04
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